

Title : **BODY SERVING AS A SUPPORT FOR A TYRE IN THE EVENT OF DEFLECTION AND TYRE ASSEMBLY EQUIPPED WITH SUCH A BODY.**

ABSTRACT

A body (30) designed to be placed inside a tire (10) so as to seal any puncture which a sidewall (12) of said tire may suffer while providing said tire with support, this body (30) comprising a flexible skin (31), of resilient elastomeric material, reinforced by a carcass reinforcement (311) anchored to two inextensible circumferential reinforcement structures (33) incorporated in said skin, this carcass reinforcement (311) being capable of withstanding the forces applied by an inflation pressure corresponding to the rated inflation pressure of the tire inside which the body (30) is placed. An assembly formed of a tire (10) mounted on a rim (20) and equipped with such a body (30).

Fig. 1